BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
27	Supplying and laying of L.T.U.G Cable having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 40, I.NO - 6.4.4,PWD Electrical SR 19-20,Bangalore circle)						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	35.00			35.00	
	5th Main Road (Kannada Kasthuri Road)	1	35.00			35.00	
	Pipeline Modern Colony	1	35.00			35.00	
					Total Quantity	**105.00**	**Mtr**
					Quantity Carried to Billing	**105.00**	**Mtr**

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
28	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (As per Civil SR KSRB I-2,P-7)(P.NO -41, I.NO -6.6.1,,PWD Electrical SR 19-20,Bangalore circle)						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	35.00			35.00	
	5th Main Road (Kannada Kasthuri Road)	1	35.00			35.00	
	Pipeline Modern Colony	1	35.00			35.00	
					Total Quantity	**105.00**	**Rmt**
					Quantity Carried to Billing	**105.00**	**Rmt**

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

29/05/22

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
29	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO -41, I.NO -6.9.1, PWD Electrical SR 19-20,Bangalore circle)						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	3.00			3.00	
	5th Main Road (Kannada Kasthuri Road)	1	3.00			3.00	
	Pipeline Modern Colony	1	3.00			3.00	
					Total Quantity	**9.00**	**Mtr**
					Quantity Carried to Billing	**9.00**	**Mtr**

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

29/07/22

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

29/7/22

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP , Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
30	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia. (Page no.131,item no.12.23 ,RWS SR-Banagalore Circle-2019-2020)						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1				1.00	
	5th Main Road (Kannada Kasthuri Road)	1				1.00	
	Pipeline Modern Colony	1				1.00	
					Total Quantity	**3.00**	**Job**
					Quantity Carried to Billing	**3.00**	**Job**

28/10/22

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

29/10/22

Asst. Engineer
Ward No - 15
BBMP Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Measurement Sheet

Date Of Measurement

Il. No	Description of Items	No	L	W	D	Qty	Unit
31	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc 6.10.2 16Sqmm						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	1.00			1.00	
	5th Main Road (Kannada Kasthuri Road)	1	1.00			1.00	
	Pipeline Modern Colony	1	1.00			1.00	
					Total Quantity	**3.00**	**No,s**
					Quantity Carried to Billing	**3.00**	**No,s**

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

29/08/22

Asst. Engineer
Ward No - 15
BBMP Bengaluru

Asst. Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
32	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834, 3phase 400/440 volts grade,for power Factor improvement of roating machinery like indution motor (P.NO -29, I.NO -5.37, PWD Electrical SR 19-20,Bangalore circle)						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	1.00			1.00	
	5th Main Road (Kannada Kasthuri Road)	1	1.00			1.00	
	Pipeline Modern Colony	1	1.00			1.00	
					Total Quantity	**3.00**	**No,s**
					Quantity Carried to Billing	**3.00**	**No,s**

Assistant Exeecutive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
33	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 24, I.NO -5.6.6, PWD Electrical SR 19-20,Bangalore circle)						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	1.00			1.00	
	5th Main Road (Kannada Kasthuri Road)	1	1.00			1.00	
	Pipeline Modern Colony	1	1.00			1.00	
					Total Quantity	**3.00**	**Each**
					Quantity Carried to Billing	**3.00**	**Each**

28/08/22

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru
29/08/22

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru
29/8/22

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
34	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.						
	Earthwork for WaterSupply Line						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)						
	Main Road						
		1	5.00	0.75	0.90	3.38	
	Near Thammanna House						
	Cross Road	1	23.00	0.75	0.90	15.53	
	Pipeline Modern Colony						
		1	8.00	0.75	0.90	5.40	
	Bhuvneshwari Nagar Chruch Road						
	Road Cuttings	1	115.00	0.75	0.90	77.63	
	Standard School Road						
	Road Cuttings	1	24.00	0.75	0.90	16.20	
	Kalahasthi Temple Road						
		4	3.00	2.00	0.30	7.20	
		3	4.00	3.50	0.30	12.60	
	Coconut Garden Roads						
	Potholes	3	2.50	3.00	0.30	6.75	
	Potholes	2	2.00	4.00	0.30	4.80	
	Potholes	2	4.00	3.00	0.30	7.20	
	MTS Colony						
	Potholes	2	3.00	2.00	0.30	3.60	
	Ganesha Shamill Road						
		1	21.00	3.70	0.30	23.31	
	S.Ramesh Road (LHS)						
	Road Cuttings	1	84.00	1.10	0.90	83.16	
	PVC Pipes for WaterSupply Line						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	30.00	0.45	0.45	6.08	
		1	30.00	0.45	0.45	6.08	
	Cross Road	1	30.00	0.45	0.45	6.08	
		1	30.00	0.45	0.45	6.08	
		1	30.00	0.45	0.45	6.08	
		1	20.00	0.45	0.45	4.05	

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bangalore

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5th Main Road (Kannada Kasthuri Road)	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
4th Cross Road	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	26.00	0.45	0.45	5.27	
Pipeline Modern Colony	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	15.00	0.45	0.45	3.04	
Cross Road	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	30.00	0.45	0.45	6.08	
	1	7.00	0.45	0.45	1.42	
				Total Quantity	383.79	Cum
				Quantity Carried to Billing	383.79	Cum

29/03/22

Assistant Executive Engineer
Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

29/03/22

Asst. Engineer
Ward No - 15
BBMP Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

Sl. No	Description of Items	No	L	W	D	Qty	Unit
35	Providing and installing at Site of work P.V.C Pipes including cost of Pipes and Specials and labour including lowering intotrenches laying true to line level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, earth work from the excavation etc complete PVC pipes of 6 kg/Cm -63mm Outer dia						
	PVC Pipes for WaterSupply Line						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)	1	30.00			30.00	
		1	30.00			30.00	
	Cross Road	1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	20.00			20.00	
	5th Main Road (Kannada Kasthuri Road)	1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
	4th Cross Road	1	30.00			30.00	
		1	30.00			30.00	
		1	26.00			26.00	
	Pipeline Modern Colony	1	30.00			30.00	
		1	30.00			30.00	
		1	15.00			15.00	
	Cross Road	1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	7.00			7.00	
					Total Quantity	**578.00**	**Rmt**
					Quantity Carried to Billing	**578.00**	**Rmt**

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

29/07/22

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
36	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)						
	Main Road	1	5.00	0.75	0.10	0.38	
	Near Thammanna House						
	Cross Road	1	23.00	0.75	0.10	1.73	
	Pipeline Modern Colony						
		1	8.00	0.75	0.10	0.60	
	Bhuvneshwari Nagar Chruch Road						
	Road Cuttings	1	115.00	0.75	0.10	8.63	
	Standard School Road						
	Road Cuttings	1	24.00	0.75	0.10	1.80	
	Kalahasthi Temple Road						
		4	3.00	2.00	0.10	2.40	
		3	4.00	3.50	0.10	4.20	
	Coconut Garden Roads						
	Potholes	3	2.50	3.00	0.10	2.25	
	Potholes	2	2.00	4.00	0.10	1.60	
	Potholes	2	4.00	3.00	0.10	2.40	
	MTS Colony						
	Potholes	2	3.00	2.00	0.10	1.20	
	Ganesha Shamil Road						
		1	21.00	3.70	0.10	7.77	
	S.Ramesh Road (LHS)						
	Road Cuttings	1	84.00	1.10	0.10	9.24	
					Total Quantity	44.19	Cum
					Quantity Carried to Billing	43.65	Cum

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bangalore BBMP

Contractor Representative

Asst. Engineer 29/07/22
Ward No - 15
BBMP Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP , Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
37	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). &= Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to do-with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine Cum aggregate 0.46cum						
	Reffiling Pipelines Cut Portions						
	Areas						
	1st Main Nrupatunga Road (Shree Bhyraveshwara Nilaya Front)						
	Main Road	1	5.00	0.75	0.15	0.56	
	Near Thammanna House Cross Road	1	23.00	0.75	0.15	2.59	
	Pipeline Modern Colony	1	8.00	0.75	0.15	0.90	
	Bhuvneshwari Nagar Chruch Road Road Cuttings	1	115.00	0.75	0.15	12.94	
	Standard School Road Road Cuttings	1	24.00	0.75	0.15	2.70	
	Kalahasthi Temple Road	4	3.00	2.00	0.15	3.60	
		3	4.00	3.50	0.15	6.30	
	Coconut Garden Roads						
	Potholes	3	2.50	3.00	0.15	3.38	
	Potholes	2	2.00	4.00	0.15	2.40	
	Potholes	2	4.00	3.00	0.15	3.60	
	MTS Colony						
	Potholes	2	3.00	2.00	0.15	1.80	

Assistant Executive Engineer T. Dasarahalli Sub Division Bagalagunte, BBMP Bangalore-560073

EXECUTIVE ENGINEER Brihat Bangalore Mahanagara P Dasarahalli Division, Bangalore 56

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Ganesha Shankh Road						
	1	21.00	3.20	0.15	11.90	
N.Ramesh Road (LHS)						
Road Cuttings	1	84.00	1.10	0.15	13.86	
				Total Quantity	64.26	Cum
				Quantity Carried to Billing	65.00	Cum

Contractor Representative

Assistant Executive Engineer
I, Cauvery Sub Division
Bangalore-560009
Bangalore-560009

Asst. Engineer
Ward No - 15
BBMP, Bangalore

Assistant Engineer
Cauvery Sub Division
BBMP - Bangalore

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
38	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. KBS 2.9						
	Areas						
	Consider of Qty Same as Per Vid Item No 34 70%	1				268.65	
					Total Quantity	268.65	Cum
					Quantity Carried to Billing	268.65	Cum

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

29/07/22

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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BRUHATH BANGALORE MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work :- Sinking of Borewells and Providing Pumps and Motors and Laying of Pipeline at T Dasarahalli Ward No 15

Pre-Measurement Sheet

Date Of Measurement :

It. No	Description of Items	No	L	W	D	Qty	Unit
	KPTCL Deposit charges						
	Locations						
	1) maheshwari nagara 5th cross KK Road ,RR NO-BMH06094	1				1	no
	2)2nd Cross ,Nrupatunga Road, T Dasarahalli RR NO-BMH06095	1				1	no
	3)Pipeline Road ,Model Colony, T Dasarahalli RR NO-BMH06098	1				1	no
					Total Quantity	3.00	no
					Quantity Carried to Billing	3.00	no

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

Contractor Representative

Asst. Engineer
Ward No - 15
BBMP Bengaluru

Asst. Executive Engineer
Dasarahalli Sub Division
BBMP - Bengaluru

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